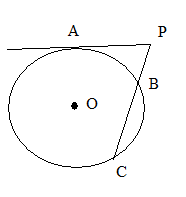
HW 2-4 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Circle Segment Relationships

Tangent - Tangent

3) In the accompanying diagram, PA is tangent to circle O and PBC is a secant.

If PA = 4 and PA = 6, find BC.



4) In the accompanying diagram, PA is tangent to circle O at A and PBC is a secant. If CB = 9 and PB = 3, find the length of PA.

